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(FILE 'HOME' ENTERED AT 16:11:16 ON 13 AUG 1999)

FILE 'MEDLINE' ENTERED AT 16:11:35 ON 13 AUG 1999

L1 502823 S GENE
 L2 5563 S CDNA SEQUENCE
 L3 520523 S DNA
 L4 1883 S AGE-1
 L5 83 S L1 AND L4
 L6 228008 S L1 AND L3
 L7 3725 S L1 AND L2
 L8 83 S L5
 L9 0 S AGE-1 CDNA
 L10 0 S AGE-1 DNA
 L11 0 S AGE-1 ENCODING SEQUENCES
 L12 0 S AGE-1 GENE EXPRESSION
 L13 0 S AGE-1 MODULATORY COMPOUNDS

FILE 'CAPLUS' ENTERED AT 16:18:26 ON 13 AUG 1999

L14 57 S L8
 L15 1 S L9
 L16 0 S L10
 L17 0 S L11
 L18 0 S L12
 L19 0 S L13

=> d 115 bib abs

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1999 ACS

AN 1998:112439 CAPLUS

DN 128:176971

TI AGE-1 polypeptide and gene of Caenorhabditis elegans and its therapeutic
 uses for longevity

IN Ruvkun, Gary; Morris, Jason; Tissenbaum, Heidi
 PA General Hospital Corp., USA

SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9805761	A1	19980212	WO 1997-US13914	19970807

W: CA, CN, JP, KR
 RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 PRAI US 1996-23382 19960807

AB Disclosed are substantially pure AGE-1 polypeptides and purified DNAs,
 vectors, and cells encoding those polypeptides. Age-1 is a key gene in
 the neuroendocrine pathway of Caenorhabditis elegans whose activity is
 required for both non-arrested development and normal senescence. Age-1
 encodes a member of the p110 family of phosphatidylinositol 3-kinase
 catalytic subunits. Decreased AGE-1 mediated phosphatidylinositol(3,4,5)
 triphosphate signaling appears to lead to increased longevity, whereas
 complete lack of this signaling leads to developmental arrest. The
 AGE-1 cDNA contains an open reading frame
 encoding 1146 amino acid residues. Also disclosed are methods for detg.
 longevity and isolating antagonists using the AGE-1 sequence.

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L14	57 S L8
L15	1 S L9
L16	0 S L10
L17	0 S L11
L18	0 S L12
L19	0 S L13

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(FILE 'USPAT' ENTERED AT 16:25:55 ON 13 AUG 1999)

L1	168	S	AGE-1
L2	311	S	C.ELEGANS
L3	2	S	L1 AND L2
L4	0	S	AGE-1 CDNA
L5	0	S	AGE-1 ENCODING SEQUENCES
L6	0	S	536/23.1
L7	2902	S	536/23.1/CCLS
L8	746	S	514/44/CCLS
L9	0	S	435/320.1
L10	6214	S	435/320.1/CCLS
L11	1808	S	435/325/CCLS
L12	331	S	435/375/CCLS
L13	231	S	424/9.1/CCLS
L14	0	S	L3 AND L7
L15	0	S	L3 AND L8
L16	0	S	L3 AND L10
L17	0	S	L3 AND L11
L18	0	S	L3 AND L12
L19	0	S	L1 AND L12
L20	2	S	L1 AND L11
L21	3	S	L1 AND L10
L22	1	S	L1 AND L8
L23	1	S	L1 AND L7

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

U.S. Patent & Trademark Office LOGOFF AT 16:42:16 ON 13 AUG 1999